

ABSTRACT OF THE DISCLOSURE

Alpha interferon homologues (both nucleic acids and polypeptides) are provided. Compositions including these interferon homologue polypeptides and nucleic acids, recombinant cells comprising said homologue polypeptides and nucleic acids,

- 5 methods of making the new homologues, antibodies to the new homologues, and methods of using the homologues are provided. Integrated systems comprising the sequences of the nucleic acids or polypeptides are also provided.

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